



1117.68335

PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Here U.S. Application of:

Applicant(s): Takeda et al.

Serial No.: 10/665,224

Conf. No.: 6265

Filed: September 18, 2003

For: LIQUID CRYSTAL DISPLAY  
DEVICE AND LIQUID  
ORIENTATION METHOD

Art Unit: 2871

Examiner: Duong, Thoi V.

I hereby certify that this paper is being deposited with  
the United States Postal Service as FIRST-CLASS mail  
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VA 22313-1450, on this date.

May 30, 2006

Date

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PETITION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage;
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a first Office Action after the filing of a Request for Continued Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

**Customer No. 24978**

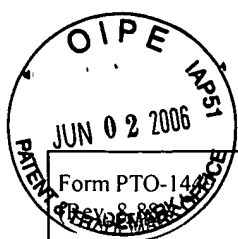
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Respectfully submitted,

GREER, BURNS &amp; CRAIN, LTD.

By:

Josh C. Snider, Reg. 47,954



Form PTO-14

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: 1117.68335

Serial No.: 10/665,224

Applicant: Takeda et al.

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Filing Date: September 18, 2004

Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,424,397	July 23, 2002	Kuo			
	6,836,308	Dec. 28, 2004	Sawasaki et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

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Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.